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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Victor F. Petrenko, et al.	Group Art Unit:	2838
Serial No.	10/056,163	Examiner:	Unknown
Filed:	January 24, 2002	Attorney Docket No.	392147
For:	LOW-FREQUENCY DE-ICING OF CABLEWAYS		

Commissioner for Patents
Washington, D.C. 20231

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Date of Deposit: June 3, 2002.

I hereby state that the following *attached* papers:

1. Transmittal Form [1 page]
2. Fee Transmittal for FY 2002 [1 page]
3. Deficiency Payment to Correct Error in Small Entity Status [1 page]
4. Check No 2570 in the amount of \$801.00 for total deficiency owed
5. Certificate of Mailing, [1 page]
6. Return Postcard [1].

are being deposited with the United States Postal Service as First Class Mail service under 37 CFR 1.8 in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Carol J. Dunkel

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Deficiency Payment to Correct Error in Small Entity Status. Rule 1.28
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2. Certificate of Mailing
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	3. Return Postcard
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Thomas Swenson Lathrop & Gage, L.C.
Signature	
Date	June 3, 2002

CERTIFICATE OF MAILING

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Typed or printed name	Carol J. Dunkel	Date	June 3, 2002
Signature			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No. 10/056.163
Filed: January 24, 2002
For: LOW-FREQUENCY DE-ICING OF CABLEWAYS

Group Art Unit: 2838
Examiner:
Attorney Docket No. 392147

CERTIFICATE UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 with sufficient postage:

MAILING

37 CFR 1.8(a)
as First Class Mail

June 3, 2002
Date

37 CFR 1.10
as Express Mail Post Office to Addressee
EXPRESS MAIL NO.

Carol J. Dupkel
Carol J. Dupkel

**Assistant Commissioner for Patents
Washington, D.C. 20231**

DEFICIENCY PAYMENT TO CORRECT ERROR IN SMALL ENTITY STATUS

Pursuant to 37 CFR 1.28(c)(1) and (2) an itemization and payment of deficiency owed are hereby submitted. The undersigned attorney requests under § 1.28(d) that the deficiency payment be treated as a notification under § 1.27(g)(2) of the loss of entitlement to small entity status.

Fee Description	Date	Fee Paid	Corrected Fee Amount	Deficiency Due
Basic Filing Fee	1/24/02	\$370.00	\$740.00	\$370.00
Extra Claims Fees	1/24/02			
56 total Claims		\$324.00	\$648.00	\$324.00
4 Independent Claims		\$42.00	\$84.00	\$42.00
Surcharge for filing declaration on date later than the filing date	4/24/02	\$65.00	\$130.00	\$65.00
Total Deficiency Payment Owed:				\$801.00

A deficiency payment in the amount of \$801.00 is enclosed. If any additional amount is due, please charge Deposit Account No. 12-0600.

Adjustment date: 06/21/2002 AWONDAF1
01/30/2002 HLE333 00000063 10056163
01 FC:101 -370.00 OP
02 FC:102 -42.00 OP
03 FC:103 -324.00 OP
Adjustment date: 06/21/2002 AWONDAF1
05/07/2002 HMARZ11 00000047 10056163
01 FC:105 -65.00 OP
06/21/2002 AWONDAF1 00000095 10056163

01 FC:101 740.00 OP
02 FC:105 130.00 OP
03 FC:102 84.00 OP
04 FC:103 648.00 OP

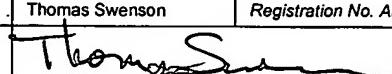
Respectfully submitted,

By: Thomas Swenson
Thomas Swenson, Reg. No. 36,696
Lathrop & Gage, L.C.
4845 Pearl East Circle, #300
Boulder, CO 80301
Telephone: (303) 449-5800
Facsimile: (303) 443-6998

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 <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <p style="margin: 0;">for FY 2002</p> <p style="margin: 0;">JUN 18 2002</p> <p style="margin: 0;">Patent & Trademark Office</p> <p style="margin: 0;">Fees are subject to annual revision.</p>		Complete If Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/056,163</td> </tr> <tr> <td>Filing Date</td> <td>January 24, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Victor F. Petrenko, et al.</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Group / Art Unit</td> <td>2838</td> </tr> <tr> <td>Attorney Docket No.</td> <td>392147</td> </tr> </table>		Application Number	10/056,163	Filing Date	January 24, 2002	First Named Inventor	Victor F. Petrenko, et al.	Examiner Name	Unknown	Group / Art Unit	2838	Attorney Docket No.	392147
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TOTAL AMOUNT OF PAYMENT (\$ 801.00)															

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																														
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 12-0600 Deposit Account Name Lathrop & Gage L.C. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Fee Code</th> <th style="width: 15%;">Large Entity Fee (\$)</th> <th style="width: 15%;">Small Entity Fee (\$)</th> <th style="width: 50%;">Fee Description</th> <th style="width: 15%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640 Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230 Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4" style="text-align: right; padding: 5px;">Other fee (specify) <u>Payment of total deficiency owed</u></td> <td style="text-align: right; padding: 5px;">801.00</td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 5px;">*Reduced by Basic Filing Fee Paid</td> <td style="text-align: right; padding: 5px;">SUBTOTAL (3) (\$ 801.00)</td> </tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - late filing fee or oath		127	50	227	25 Surcharge - late provisional filing fee or cover sheet.		139	130	139	130 Non-English specification		147	2,520	147	2,520 For filing a request for reexamination		112	920*	112	920* Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840* Requesting publication of SIR after Examiner action		115	110	215	55 Extension for reply within first month		116	400	216	200 Extension for reply within second month		117	920	217	460 Extension for reply within third month		118	1,440	218	720 Extension for reply within fourth month		128	1,960	228	980 Extension for reply within fifth month		119	320	219	160 Notice of Appeal		120	320	220	160 Filing a brief in support of an appeal		121	280	221	140 Request for oral hearing		138	1,510	138	1,510 Petition to institute a public use proceeding		140	110	240	55 Petition to revive – unavoidable		141	1,280	241	640 Petition to revive – unintentional		142	1,280	242	640 Utility issue fee (or reissue)		143	460	243	230 Design issue fee		144	620	244	310 Plant issue fee		122	130	122	130 Petitions to the Commissioner		123	50	123	50 Processing fee under 37 CFR 1.17 (q)		126	180	126	180 Submission of Information Disclosure Stmt		581	40	581	40 Recording each patent assignment per property (times number of properties)		146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370 Request for Continued Examination (RCE)		169	900	169	900 Request for expedited examination of a design application		Other fee (specify) <u>Payment of total deficiency owed</u>				801.00	*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 801.00)
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**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																		

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Thomas Swenson		Registration No. Attorney/Agent)	36,696		Telephone	(303)449-5800
Signature			Date	June 3, 2002			

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